



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 84 44 21

Classification of the application (IPC):
H01P 1/185, H03H 11/20, H01P 1/18, H01Q 3/38

Technical fields searched (IPC):
H01P, H01Q, H03H

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	US 2019157754 A1 (VALDES GARCIA ALBERTO [US] ET AL) 23 May 2019 (2019-05-23) * figure 4 * * paragraph [0035] - paragraph [0036] * * paragraph [0040] *	1-8
Y	CN 109616723 B (SHANGHAI QINXIN INFORMATION TECH CO LTD) 13 July 2021 (2021-07-13) * figure 5 * * paragraph [0033] - paragraph [0034] *	1-8

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 05 March 2024	Examiner Kalialakis, Christos
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 05-03-2024.
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2019157754	A1	23-05-2019	NONE	
CN 109616723	B	13-07-2021	NONE	